

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE (USPTO)	
Application Serial Number	09/544,253
Confirmation Number	7033
Filing Date	04/05/2000
Title of Application	Context Aware Systems and Methods Utilizing Hierarchical Tree Structures
First Named Inventor	Gopal Parupudi
Assignee	Microsoft Corporation
Group Art Unit	2162
Examiner	Anh Ly
Attorney Docket Number	MS1-0505US

To: Commissioner for Patents  
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**Response to Request for Amendments to the Abstract**

**[0001]** Fees will be paid by credit card through the EFS Web; however, Applicant hereby authorizes the Commissioner to charge any deficiency of fees and credit any overpayments to Deposit Account Number 12-0769.

## **SPECIFICATION AMENDMENTS**

**[0002]** Please replace the “Abstract” section starting at page 64 with the following:

--Context-aware computing systems and methods are described. In particular embodiments, location aware systems and methods are described. In the described embodiments, hierarchical tree structures are utilized to ascertain a device context or location. The tree structures can be stored on or accessible to mobile or stationary computing devices so that the devices can determine their own particular context or location. In one embodiment, one of the tree structures comprises a Master World tree structure that contains nodes that represent geographical divisions of the Earth. Another of the tree structures can comprise a so-called Secondary World that contains nodes that represent physical or logical entities that are organization or company specific views of the world. A computing device can automatically determine its context or location by ascertaining a node on one or more of the tree structures and then traversing the tree structure to ascertain the complete context. Once a context or location is ascertained, goods or services associated with the context or location can be accessed.--

## **REMARKS**

**[0003]** Applicant respectfully requests reconsideration and allowance of all of the claims of the application.

### **Abstract Objections**

**[0004]** The Abstract stands objected to as allegedly containing too many words and exceeding a single page. Applicant amends the Abstract herein, as shown above and previously presented in the response filed October 16, 2002, to address the informalities noted in the Office Action.

Respectfully Submitted,

Lee & Hayes, PLLC  
Representative for Applicant

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